

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PU3375/WO</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/ EP 98/ 06278</b>	International filing date (day/month/year) <b>05/10/1998</b>	(Earliest) Priority Date (day/month/year) <b>07/10/1997</b>
Applicant <b>GLAXO GROUP LIMITED et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 8 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
  - contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP 98/06278

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
*See annex*
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

*See annex*

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

2-3, 6-7, 10, and partially: 1,5, 9

### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International Application No. PCT/EP 98/06278

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 208**

Although claims 5-8 are directed to a method of treatment of the human/animal body, the search has been based on the alleged effects of the compound/composition.

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# INTERNATIONAL SEARCH REPORT

International Application No. PCT/EP 98/06278

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

12. Claims: 1, 4-5, 8-9 (all partially)

Use of dolasetron

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/EP 98/06278

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 2-3, 6-7, 10, and partially: 1, 5, 9

Use of alosetron

2. Claims: 1, 4-5, 8-9 (all partially)

Use of granisetron

3. Claims: 1, 4-5, 8-9 (all partially)

Use of azasetron

4. Claims: 1, 4-5, 8-9 (all partially)

Use of tropisetron

5. Claims: 1, 4-5, 8-9 (all partially)

Use of ramosetron

6. Claims: 1, 4-5, 8-9 (all partially)

Use of ondansetron

7. Claims: 1, 4-5, 8-9 (all partially)

Use of lerisetron

8. Claims: 1, 4-5, 8-9 (all partially)

Use of (R)-zacopride

9. Claims: 1, 4-5, 8-9 (all partially)

Use of cilansetron

10. Claims: 1, 4-5, 8-9 (all partially)

Use of itasetron

11. Claims: 1, 4-5, 8-9 (all partially)

Use of indisetron

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP 98/06278

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
*See annex*
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
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2-3, 6-7, 10, and partially: 1,5, 9

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/06278

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 6 A61K31/00 A61K31/435 A61K31/40 A61K31/47 A61K31/495  
A61K31/55

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92 12149 A (SMITHKLINE BEECHAM PLC) 23 July 1992 (1992-07-23) page 12, line 5 ---	1,5,9
X	WO 92 11259 A (BEECHAM GROUP PLC) 9 July 1992 (1992-07-09) page 11, column 6 ---	1,5,9
X	WO 92 10494 A (BEECHAM GROUP P.L.C.) 25 June 1992 (1992-06-25) page 10, line 16 ---	1,5,9
X	EP 0 387 431 A (BEECHAM GROUP PLC) 19 September 1990 (1990-09-19) page 8, line 43 ---	1,5,9
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

<sup>a</sup> Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 March 1999

Date of mailing of the international search report

23.07.99

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/06278

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92 05174 A (BEECHAM GROUP PLC) 2 April 1992 (1992-04-02) page 17, line 14 ---	1,5,9
X	EP 0 377 967 A (BEECHAM GROUP PLC) 18 July 1990 (1990-07-18) page 8, line 11 ---	1,5,9
X	EP 0 385 722 A (GLAXO GROUP LIMITED) 5 September 1990 (1990-09-05) page 4, line 44 ---	1,5,9
X	EP 0 364 274 A (GLAXO GROUP LIMITED) 18 April 1990 (1990-04-18) page 4, line 33 ---	1,5,9
X	EP 0 357 416 A (GLAXO GROUP LIMITED) 7 March 1990 (1990-03-07) page 3, line 1 ---	1,5,9
X	EP 0 347 229 A (GLAXO GROUP LIMITED) 20 December 1989 (1989-12-20) page 4, line 50 ---	1,5,9
X	WO 89 09217 A (BEECHAM GROUP PLC) 5 October 1989 (1989-10-05) page 11, line 10 ---	1,5,9
X	EP 0 336 759 A (GLAXO GROUP LIMITED) 11 October 1989 (1989-10-11) page 4, line 24 ---	1,5,9
X	EP 0 254 584 A (BEECHAM GROUP PLC) 27 January 1988 (1988-01-27) page 14, line 13 ---	1,5,9
X	EP 0 279 512 A (BEECHAM GROUP PLC) 24 August 1988 (1988-08-24) page 4, line 8 - line 10 ---	1,5,9
X	EP 0 315 390 A (BEECHAM GROUP PLC) 10 May 1989 (1989-05-10) page 9, line 51 ---	1,5,9
X	WO 94 01095 A (SMITH-KLINE BEECHAM PLC) 20 January 1994 (1994-01-20) page 1, line 24 ---	1,5,9
X	EP 0 306 323 A (GLAXO GROUP LIMITED) 8 March 1989 (1989-03-08) page 4, line 26 & GB 2 209 335 A cited in the application ---	1-3,5-7, 9,10
		-/-

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/06278

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K. BARDHAN ET AL.: "A DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE EFFOCACY OF ALOSETRON IN THE TREATMENT OF IRRITABLE BOWEL SYNDROME (IBS)" GASTROENTEROLOGY, vol. 110, no. 4, April 1996 (1996-04), page A630 XP002098634 abstract ---	1-3,5-7, 9,10
X	J.M. FOSTER ET AL.: "ALOSETRON SLOWS COLONIC TRANSIT IN PATIENTS WITH IRRITABLE BOWEL SYNDROME (IBS)" GASTROENTEROLOGY, vol. 112, 11 - 14 May 1997, page A732 XP002098635 abstract ---	1-3,5-7, 9,10
X	D.G.MAXTON ET AL.: "Selective 5-hydroxytryptamine antagonism: a role in irritable bowel syndrome and functional dyspepsia?" ALIMENT.PHARMACOL.THER., vol. 10, no. 4, August 1996 (1996-08), pages 595-599, XP002098636 the whole document ---	1-3,5-7, 9,10
X	J. ZIGHELBOIM ET AL.: "Visceral Perception in Irritable Bowel Syndrome" DIG.SIS.SCI., vol. 40, no. 4, April 1995 (1995-04), pages 819-827, XP002098637 page 819 - page 820 ---	1-3,5-7, 9,10
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T	A.R.NORTHCUTT ET AL.: "ALOSETRON, A 5HT3-RECEPTOR ANTAGONIST, IS EFFECTIVE IN THE TREATMENT OF FEMALE IRRITABLE BOWEL SYNDROME PATIENTS" GASTROENTEROLOGY, vol. 114, no. 4 Part 2, April 1998 (1998-04), page A812 XP002098641 abstract -----	1-3,5-7, 9,10

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Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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Name and mailing address of the ISA

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International Application No  
PCT/EP 98/06278

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International Application No  
PCT/EP 98/06278

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CI X,P	M. DELVAUX ET AL.: "Effect of alosetron on responses to colonic distension in patients with irritable bowel syndrome" ALIMENT.PHARMACOL.THER., vol. 12, no. 9, September 1998 (1998-09), pages 849-855, XP002098640 abstract ---	1-3,5-7, 9,10
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9212149	A 23-07-1992	AU 1161292 A EP 0566609 A JP 6506443 T		17-08-1992 27-10-1993 21-07-1994
WO 9211259	A 09-07-1992	AU 9053391 A CA 2098729 A EP 0563087 A JP 6503332 T MX 9102630 A NZ 241019 A PT 99831 A		22-07-1992 20-06-1992 06-10-1993 14-04-1994 01-06-1992 26-07-1994 31-12-1992
WO 9210494	A 25-06-1992	AU 651645 B AU 9078391 A CA 2098309 A EP 0561910 A JP 6503331 T MX 9102499 A NZ 240938 A PT 99771 A		28-07-1994 08-07-1992 14-06-1992 29-09-1993 14-04-1994 01-06-1992 26-08-1994 30-11-1992
EP 0387431	A 19-09-1990	AU 615991 B AU 3132089 A		17-10-1991 20-09-1990
WO 9205174	A 02-04-1992	AU 652187 B AU 8624491 A CA 2092431 A EP 0550550 A JP 2831464 B JP 6501256 T PT 99028 A,B		18-08-1994 15-04-1992 27-03-1992 14-07-1993 02-12-1998 10-02-1994 29-10-1993
EP 0377967	A 18-07-1990	AU 626614 B AU 4608189 A CA 2005131 A DK 625289 A JP 2202890 A PT 92534 A,B		06-08-1992 21-06-1990 13-06-1990 14-06-1990 10-08-1990 29-06-1990
EP 0385722	A 05-09-1990	AT 121406 T DE 69018678 D DE 69018678 T JP 3200786 A US 5013733 A		15-05-1995 24-05-1995 17-08-1995 02-09-1991 07-05-1991
EP 0364274	A 18-04-1990	JP 2209876 A US 5006544 A		21-08-1990 09-04-1991
EP 0357416	A 07-03-1990	AU 627768 B AU 4096689 A CA 1330534 A DK 432789 A JP 2180823 A		03-09-1992 08-03-1990 05-07-1994 02-03-1990 13-07-1990
EP 0347229	A 20-12-1989	JP 2104585 A US 5026722 A		17-04-1990 25-06-1991
WO 8909217	A 05-10-1989	CZ 9103912 A		16-03-1994

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 8909217 A		EP 0363466 A		18-04-1990
		US 4871744 A		03-10-1989
		US 5049556 A		17-09-1991
		US 5200413 A		06-04-1993
		US 5322951 A		21-06-1994
EP 0336759 A	11-10-1989	JP 2049772 A		20-02-1990
		US 5116984 A		26-05-1992
EP 0254584 A	27-01-1988	DE 3782107 A		12-11-1992
		JP 63039877 A		20-02-1988
		US 4822795 A		18-04-1989
EP 0279512 A	24-08-1988	AT 135911 T		15-04-1996
		AU 608276 B		28-03-1991
		AU 1035588 A		21-07-1988
		DE 3855144 D		02-05-1996
		DE 3855144 T		22-08-1996
		DK 20388 A		20-07-1988
		ES 2085259 T		01-06-1996
		GR 3019447 T		30-06-1996
		JP 2584266 B		26-02-1997
		JP 63215627 A		08-09-1988
		US 4845092 A		04-07-1989
		US 4942160 A		17-07-1990
		US 5063231 A		05-11-1991
EP 0315390 A	10-05-1989	AT 108791 T		15-08-1994
		DE 3850742 D		25-08-1994
		DE 3850742 T		27-10-1994
		JP 1157978 A		21-06-1989
		US 4959367 A		25-09-1990
WO 9401095 A	20-01-1994	AU 4507693 A		31-01-1994
		EP 0650355 A		03-05-1995
		JP 7508530 T		21-09-1995
EP 0306323 A	08-03-1989	AT 111910 T		15-10-1994
		AU 2174288 A		09-03-1989
		CA 1339022 A		25-03-1997
		CN 1045265 A,B		12-09-1990
		CY 1789 A		20-10-1995
		DE 3851597 D		27-10-1994
		DE 3851597 T		26-01-1995
		DK 490188 A		04-03-1989
		ES 2060655 T		01-12-1994
		FI 884049 A,B,		04-03-1989
		GB 2209335 A,B		10-05-1989
		HK 75591 A		04-10-1991
		HU 9500522 A		30-10-1995
		IE 61669 B		16-11-1994
		IL 87658 A		24-06-1994
		JP 9136889 A		27-05-1997
		JP 1151578 A		14-06-1989
		JP 2602915 B		23-04-1997
		KR 9705300 B		15-04-1997
		LV 5737 A		20-06-1996
		PH 25493 A		24-07-1991

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0306323	A	PT 88409 A, B	31-07-1989
		US 5360800 A	01-11-1994
		EP 0356098 A	28-02-1990
		JP 2167280 A	27-06-1990
		US 5008272 A	16-04-1991

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

1. Claims: 2-3, 6-7, 10, and partially: 1, 5, 9

Use of alosetron

2. Claims: 1, 4-5, 8-9 (all partially)

Use of granisetron

3. Claims: 1, 4-5, 8-9 (all partially)

Use of azasetron

4. Claims: 1, 4-5, 8-9 (all partially)

Use of tropisetron

5. Claims: 1, 4-5, 8-9 (all partially)

Use of ramosetron

6. Claims: 1, 4-5, 8-9 (all partially)

Use of ondansetron

7. Claims: 1, 4-5, 8-9 (all partially)

Use of lerisetron

8. Claims: 1, 4-5, 8-9 (all partially)

Use of (R)-zacopride

9. Claims: 1, 4-5, 8-9 (all partially)

Use of cilansetron

10. Claims: 1, 4-5, 8-9 (all partially)

Use of itasetron

11. Claims: 1, 4-5, 8-9 (all partially)

Use of indisetron

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

12. Claims: 1, 4-5, 8-9 (all partially)

Use of dolasetron

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 2b**

Although claims 5-8 are directed to a method of treatment of the human/animal body, the search has been based on the alleged effects of the compound/composition.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9212149	A 23-07-1992	AU 1161292	A	17-08-1992
		EP 0566609	A	27-10-1993
		JP 6506443	T	21-07-1994
-----	-----	-----	-----	-----
WO 9211259	A 09-07-1992	AU 9053391	A	22-07-1992
		CA 2098729	A	20-06-1992
		EP 0563087	A	06-10-1993
		JP 6503332	T	14-04-1994
		MX 9102630	A	01-06-1992
		NZ 241019	A	26-07-1994
		PT 99831	A	31-12-1992
-----	-----	-----	-----	-----
WO 9210494	A 25-06-1992	AU 651645	B	28-07-1994
		AU 9078391	A	08-07-1992
		CA 2098309	A	14-06-1992
		EP 0561910	A	29-09-1993
		JP 6503331	T	14-04-1994
		MX 9102499	A	01-06-1992
		NZ 240938	A	26-08-1994
		PT 99771	A	30-11-1992
-----	-----	-----	-----	-----
EP 0387431	A 19-09-1990	AU 615991	B	17-10-1991
		AU 3132089	A	20-09-1990
-----	-----	-----	-----	-----
WO 9205174	A 02-04-1992	AU 652187	B	18-08-1994
		AU 8624491	A	15-04-1992
		CA 2092431	A	27-03-1992
		EP 0550550	A	14-07-1993
		JP 2831464	B	02-12-1998
		JP 6501256	T	10-02-1994
		PT 99028	A,B	29-10-1993
-----	-----	-----	-----	-----
EP 0377967	A 18-07-1990	AU 626614	B	06-08-1992
		AU 4608189	A	21-06-1990
		CA 2005131	A	13-06-1990
		DK 625289	A	14-06-1990
		JP 2202890	A	10-08-1990
		PT 92534	A,B	29-06-1990
-----	-----	-----	-----	-----
EP 0385722	A 05-09-1990	AT 121406	T	15-05-1995
		DE 69018678	D	24-05-1995
		DE 69018678	T	17-08-1995
		JP 3200786	A	02-09-1991
		US 5013733	A	07-05-1991
-----	-----	-----	-----	-----
EP 0364274	A 18-04-1990	JP 2209876	A	21-08-1990
		US 5006544	A	09-04-1991
-----	-----	-----	-----	-----
EP 0357416	A 07-03-1990	AU 627768	B	03-09-1992
		AU 4096689	A	08-03-1990
		CA 1330534	A	05-07-1994
		DK 432789	A	02-03-1990
		JP 2180823	A	13-07-1990
-----	-----	-----	-----	-----
EP 0347229	A 20-12-1989	JP 2104585	A	17-04-1990
		US 5026722	A	25-06-1991
-----	-----	-----	-----	-----
WO 8909217	A 05-10-1989	CZ 9103912	A	16-03-1994

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 8909217	A	EP	0363466 A	18-04-1990
		US	4871744 A	03-10-1989
		US	5049556 A	17-09-1991
		US	5200413 A	06-04-1993
		US	5322951 A	21-06-1994
EP 0336759	A	11-10-1989	JP 2049772 A	20-02-1990
			US 5116984 A	26-05-1992
EP 0254584	A	27-01-1988	DE 3782107 A	12-11-1992
			JP 63039877 A	20-02-1988
			US 4822795 A	18-04-1989
EP 0279512	A	24-08-1988	AT 135911 T	15-04-1996
			AU 608276 B	28-03-1991
			AU 1035588 A	21-07-1988
			DE 3855144 D	02-05-1996
			DE 3855144 T	22-08-1996
			DK 20388 A	20-07-1988
			ES 2085259 T	01-06-1996
			GR 3019447 T	30-06-1996
			JP 2584266 B	26-02-1997
			JP 63215627 A	08-09-1988
			US 4845092 A	04-07-1989
			US 4942160 A	17-07-1990
			US 5063231 A	05-11-1991
EP 0315390	A	10-05-1989	AT 108791 T	15-08-1994
			DE 3850742 D	25-08-1994
			DE 3850742 T	27-10-1994
			JP 1157978 A	21-06-1989
			US 4959367 A	25-09-1990
WO 9401095	A	20-01-1994	AU 4507693 A	31-01-1994
			EP 0650355 A	03-05-1995
			JP 7508530 T	21-09-1995
EP 0306323	A	08-03-1989	AT 111910 T	15-10-1994
			AU 2174288 A	09-03-1989
			CA 1339022 A	25-03-1997
			CN 1045265 A,B	12-09-1990
			CY 1789 A	20-10-1995
			DE 3851597 D	27-10-1994
			DE 3851597 T	26-01-1995
			DK 490188 A	04-03-1989
			ES 2060655 T	01-12-1994
			FI 884049 A,B,	04-03-1989
			GB 2209335 A,B	10-05-1989
			HK 75591 A	04-10-1991
			HU 9500522 A	30-10-1995
			IE 61669 B	16-11-1994
			IL 87658 A	24-06-1994
			JP 9136889 A	27-05-1997
			JP 1151578 A	14-06-1989
			JP 2602915 B	23-04-1997
			KR 9705300 B	15-04-1997
			LV 5737 A	20-06-1996
			PH 25493 A	24-07-1991

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 98/06278

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EF 0306323 A		PT 88409 A, B US 5360800 A EP 0356098 A JP 2167280 A US 5008272 A	31-07-1989 01-11-1994 28-02-1990 27-06-1990 16-04-1991